

Hylex® P1302B3

Polycarbonate

Entec Polymers

Message:

POLYCARBONATE, UV STABILIZED, BRANCHED FOR EXTRUSION & BLOW MOLDING

General Information			
UL YellowCard	E141008-101016228		
Additive	UV stabilizer		
Features	Good UV resistance		
Processing Method	Blow molding		
	Extrusion		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	2.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 - 0.70	%	ASTM D955
Water Absorption (24 hr)	0.15	%	ASTM D570

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	69.6	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	100	%	ASTM D638
Flexural Modulus (23°C)	2060	MPa	ASTM D790
Flexural Strength (23°C)	90.3	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	850	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	132	°C	ASTM D648

Flammability	Nominal Value	Test Method
Flame Rating		UL 94
1.5 mm	V-2	UL 94
3.0 mm	V-2	UL 94

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Recommended distributors for this material

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